

843 Response to Request for Quotation

Functional Group ID=**RR**

Introduction:

This standard provides the format and establishes the data contents of a response to request for quotation transaction set. The response to request for quotation transaction set provides potential buyers with price, delivery schedule, and other terms from potential sellers of goods and services, in response to a request for such information.

Notes:

FOR SAACONS 2.6:

NOTE: SEGMENTS MARKED WITH AN "*" IF PROVIDED BY THE VENDOR, WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS. THE SAACONS 2.6 APPLICATION DOES NOT SUPPORT THE DATA CONTAINED IN THESE SEGMENTS.

THIS IMPLEMENTATION CONVENTION GUIDE PERTAINS SPECIFICALLY TO ARMY SAACONS 2.6 (STANDARD ARMY AUTOMATED CONTRACTING SYSTEM). SAACONS 2.6 NOTES ARE PRINTED IN UPPER CASE ITALICS.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BQR	Beginning Segment for Response to Request for Quotation	M	1		
	030	NTE	Note/Special Instruction	F	100		
	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	12		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
	080	FOB	F.O.B. Related Instructions	O	1		
Not Used	090	CTP	Pricing Information	O	25		
Not Used	100	SSS	Special Services	O	25		
Not Used	110	CSH	Header Sale Condition	O	1		
Not Used	120	ITA	Allowance, Charge or Service	O	10		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	140	DIS	Discount Detail	O	20		
	150	DTM	Date/Time Reference	O	10		
	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	190	PID	Product/Item Description	O	200		
Not Used	200	MEA	Measurements	O	40		

	210	PWK	Paperwork	O	25
	220	PKG	Marking, Packaging, Loading	O	25
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	250	TD3	Carrier Details (Equipment)	O	12
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	270	MAN	Marks and Numbers	O	10
Not Used	280	CTB	Restrictions/ Conditions	O	5
LOOP ID - N9					1000
Not Used	290	N9	Reference Number	O	1
Not Used	300	MSG	Message Text	O	1000
LOOP ID - N1					200
	310	N1	Name	O	1
	320	N2	Additional Name Information	O	2
	330	N3	Address Information	O	2
	340	N4	Geographic Location	O	1
Not Used	350	REF	Reference Numbers	O	12
	360	PER	Administrative Communications Contact	O	3
Not Used	370	FOB	F.O.B. Related Instructions	O	1
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	400	TD3	Carrier Details (Equipment)	O	12
Not Used	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	420	PKG	Marking, Packaging, Loading	O	25

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - PO1							100000
	010	PO1	Purchase Order Baseline Item Data	O	1		
Not Used	020	CUR	Currency	O	1		
	030	PO3	Additional Item Detail	O	25		
Not Used	040	CTP	Pricing Information	O	25		
Not Used	049	MEA	Measurements	O	40		
LOOP ID - PID							1000
	050	PID	Product/Item Description	O	1		
	060	MEA	Measurements	O	10		
Not Used	070	PWK	Paperwork	O	25		
	080	PKG	Marking, Packaging, Loading	O	25		
	090	PO4	Item Physical Details	O	1		
	100	REF	Reference Numbers	O	12		
Not Used	110	PER	Administrative Communications Contact	O	3		
Not Used	120	SSS	Special Services	O	25		

Not Used	130	ITA	Allowance, Charge or Service	O	10		
Not Used	140	IT8	Conditions of Sale	O	1		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	160	DIS	Discount Detail	O	20		
Not Used	170	TAX	Tax Reference	O	3		
	180	FOB	F.O.B. Related Instructions	O	1		
Not Used	190	SDQ	Destination Quantity	O	50		
	200	DTM	Date/Time Reference	O	10		
	210	LDT	Lead Time	O	12		
	220	SCH	Line Item Schedule	O	104	n2	
Not Used	230	FST	Forecast Schedule	O	5		
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1		
Not Used	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	260	TD3	Carrier Details (Equipment)	O	12		
Not Used	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	280	MAN	Marks and Numbers	O	10		
Not Used	290	CTB	Restrictions/ Conditions	O	5		
LOOP ID - CST					100		
Not Used	300	CST	Cost Analysis	O	1		
Not Used	310	PID	Product/Item Description	O	1		
Not Used	320	CUR	Currency	O	1		
Not Used	330	DTM	Date/Time/Period	O	2		
LOOP ID - SLN					1000		
Not Used	340	SLN	Subline Item Detail	O	1		
Not Used	350	PID	Product/Item Description	O	1000		
LOOP ID - CST					100		
Not Used	360	CST	Cost Analysis	O	1		
Not Used	370	PID	Product/Item Description	O	1		
Not Used	380	CUR	Currency	O	1		
Not Used	390	DTM	Date/Time/Period	O	2		
LOOP ID - N9					1000		
Not Used	400	N9	Reference Number	O	1		
Not Used	410	MSG	Message Text	O	1000		
LOOP ID - N1					200		
Not Used	420	N1	Name	O	1		
Not Used	430	N2	Additional Name Information	O	2		
Not Used	440	N3	Address Information	O	2		
Not Used	450	N4	Geographic Location	O	1		
Not Used	460	REF	Reference Numbers	O	12		
Not Used	470	PER	Administrative Communications Contact	O	3		
Not Used	480	FOB	F.O.B. Related Instructions	O	1		
Not Used	490	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	510	TD3	Carrier Details (Equipment)	O	12		

Not Used	520	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	530	PKG	Marking, Packaging, Loading	O	25	

Summary:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
Must Use	010	CTT	Transaction Totals	M	1		n3
	015	AMT	Monetary Amount	O	1		
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
3. Number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes:
Comments: 1 The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>		
Must Use	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
		843	X12.8 Response to Request for Quotation	
Must Use	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number assigned by the originator for a transaction set.	

Segment: **BQR** Beginning Segment for Response to Request for Quotation
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a Response to Request for Quote Transaction Set and transmit identifying numbers and dates
Syntax Notes: 1 If BQR05 is present, then BQR04 is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	BQR01	353	Transaction Set Purpose Code	M ID 2/2
			Code identifying purpose of transaction set	
			00 Original	
			01 Cancellation	
			04 Change	
			<i>IF 04 IS USED SAACONS 2.6 EXPECTS THAT THE COMPLETE BID WILL BE RESENT NOT JUST THE CHANGES.</i>	
			07 Duplicate	
Must Use	BQR02	586	Request for Quote Reference Number	M AN 1/45
			Number assigned by the purchaser to identify his request for quote	
			<i>RFQ NUMBER</i>	
Must Use	BQR03	652	Request Quotation Control Date	M DT 6/6
			Date to be used for reference purposes in an RFQ and a response to RFQ.	
			<i>PROPOSAL DUE DATE</i>	
	BQR04	374	Date/Time Qualifier	C ID 3/3
			Code specifying type of date or time, or both date and time	
			098 Bid (Effective)	
			<i>Use to indicate the date of the bid.</i>	
	BQR05	373	Date	O DT 6/6
			Date (YYMMDD)	
			<i>BID DATE</i>	
	BQR06	379	Bid Type Response Code	O ID 2/2
			Code indicating the type of response to the request for bid or quote	
			BI Bid Without Exception	

Segment: **NTE** Note/Special Instruction
Position: 030
Loop:
Level: Heading
Usage: Floating
Max Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Syntax Notes:

Semantic Notes:

Comments: 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Notes: ***NTE SEGMENT NOTE: INFORMATION CONTAINED IN THE SEGMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.***

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
NTE01	363	Note Reference Code	O	ID 3/3
		Code identifying the functional area or purpose for which the note applies		
		GEN Entire Transaction Set		
Must Use	NTE02	3 Free Form Message	M	AN 1/60
		Free-form text		

Segment:	CUR Currency
Position:	040
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:	<ol style="list-style-type: none"> 1 If CUR08 is present, then CUR07 is required. 2 If CUR09 is present, then CUR07 is required. 3 If CUR11 is present, then CUR10 is required. 4 If CUR12 is present, then CUR10 is required. 5 If CUR14 is present, then CUR13 is required. 6 If CUR15 is present, then CUR13 is required. 7 If CUR17 is present, then CUR16 is required. 8 If CUR18 is present, then CUR16 is required. 9 If CUR20 is present, then CUR19 is required. 10 If CUR21 is present, then CUR19 is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 Monetary values are assumed to be expressed in the currency of the country of the transaction originator unless the optional CUR segment is used to specify a different currency. The CUR segment also permits the transaction originator to indicate a specific exchange rate, foreign exchange location and date/time as the basis for a currency conversion. Example 1. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the heading area of a transaction, would indicate that all monetary values appearing in the transaction are expressed in Canadian Dollars (CAD). (In this example the exchange rate is at the discretion of the receiver). CUR*BY*CAD*N/L Example 2. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the detail area of a transaction, describes a currency conversion for that particular item from U.S. dollars to Canadian dollars. It also indicates that a specific exchange rate, at a specified foreign exchange location on a given date/time be used as the basis for the currency conversion. Notes below the diagram describe the meaning of the element values. CUR*BY*USD*1.20*SE*CAD*NY*007*840821*1400 N/L <ol style="list-style-type: none"> 1 2 3 4 1. Identifies the buyer's (BY) currency as U.S. dollars (USD). 2. The multiplier (1.20) is the exchange rate factor for the conversion. 3. Identifies the seller's (SE) currency as Canadian dollars (CAD). 4. Indicates the basis for the exchange rate as the New York Foreign Exchange (NY) and the effective date/time (007) as August 21, 1984 (840821) at 2:00 P.M. (1400). The value for this item is to be converted to Canadian dollars (CAD) at the exchange rate of 1.20, based on the New York Foreign Exchange (NY) at 2:00 P.M. (1400) on August 21, 1984. The actual unit price conversion for the item would be: The unit price value 7.50 (U.S. dollars) multiplied by the exchange rate (1.20) equals 9.00 Canadian dollars (7.50 X 1.20 = 9.00) CUR07 through CUR21 provide for five (5) dates/times relating to the currency conversion, i.e., effective date, expiration date, etc.
Notes:	CUR SEGMENT NOTE: INFORMATION CONTAINED IN THIS SEGMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CUR01	98	Entity Identifier Code Code identifying an organizational entity or a physical location. BY Buying Party (Purchaser) SE Selling Party	M ID 2/2
Must Use	CUR02	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified	M ID 3/3
	CUR03	280	Exchange Rate Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	O R 4/6
	CUR04	98	Entity Identifier Code Code identifying an organizational entity or a physical location. BY Buying Party (Purchaser) SE Selling Party	O ID 2/2
	CUR05	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified	O ID 3/3
	CUR06	669	Currency Market/Exchange Code Code identifying the market upon which the currency exchange rate is based Refer to 003010 Data Element Dictionary for acceptable code values.	O ID 3/3
	CUR07	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 007 Effective 036 Expiration Date coverage expires	C ID 3/3
	CUR08	373	Date Date (YYMMDD)	O DT 6/6
	CUR09	337	Time Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	O TM 4/4
Not Used	CUR10	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	C ID 3/3
Not Used	CUR11	373	Date Date (YYMMDD)	O DT 6/6
Not Used	CUR12	337	Time Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	O TM 4/4

Not Used	CUR13	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	C	ID 3/3
Not Used	CUR14	373	Date Date (YYMMDD)	O	DT 6/6
Not Used	CUR15	337	Time Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	O	TM 4/4
Not Used	CUR16	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	C	ID 3/3
Not Used	CUR17	373	Date Date (YYMMDD)	O	DT 6/6
Not Used	CUR18	337	Time Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	O	TM 4/4
Not Used	CUR19	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	C	ID 3/3
Not Used	CUR20	373	Date Date (YYMMDD)	O	DT 6/6
Not Used	CUR21	337	Time Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	O	TM 4/4

Segment: **REF** Reference Numbers
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:
Notes: *REF SEGMENT NOTE: INFORMATION CONTAINED IN THIS SEGMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.*

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
			65 Total Order Cycle Number	
			CR Customer Reference Number	
			CT Contract Number	
			PR Price Quote Number	
	REF02	127	Reference Number	C AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
	REF03	352	Description	C AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment: **FOB** F.O.B. Related Instructions

Position: 080

Loop:

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To specify transportation instructions relating to shipment

Syntax Notes: 1 If FOB03 is present, then FOB02 is required.
2 If FOB04 is present, then FOB05 is required.
3 If FOB07 is present, then FOB06 is required.
4 If FOB08 is present, then FOB09 is required.

Semantic Notes:

Comments: 1 FOB01 indicates which party will pay the carrier.
2 FOB02 is the code specifying transportation responsibility location.
3 FOB06 is the code specifying title passage location.
4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	FOB01	146	Shipment Method of Payment	M ID 2/2
			Code identifying payment terms for transportation charges	
			DF Defined by Buyer and Seller	
	FOB02	309	Location Qualifier	C ID 1/2
			Code identifying type of location	
			OR Origin (Shipping Point)	
			INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.	
			ZZ Mutually Defined	
			INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.	
	FOB03	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
			INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.	
Not Used	FOB04	334	Transportation Terms Qualifier Code	O ID 2/2
			Code identifying the source of the transportation terms	
Not Used	FOB05	335	Transportation Terms Code	C ID 3/3

			Code identifying the trade terms which apply to the shipment transportation responsibility		
Not Used	FOB06	309	Location Qualifier	C	ID 1/2
			Code identifying type of location		
Not Used	FOB07	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	FOB08	54	Risk of Loss Qualifier	O	ID 2/2
			Code specifying where responsibility for risk of loss passes		
Not Used	FOB09	352	Description	C	AN 1/80
			A free-form description to clarify the related data elements and their content		

Segment: **ITD** Terms of Sale/Deferred Terms of Sale

Position: 130

Loop:

Level: Heading

Usage: Optional

Max Use: 5

Purpose: To specify terms of sale

Syntax Notes:

- 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
- 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
- 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantic Notes:

Comments:

- 1 If the code in ITD01 is 04, then ITD09 is required and either ITD11 or ITD12 is required. If the code in ITD01 equals 05, then ITD06 or ITD07 is required.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
	ITD01	336	Terms Type Code	O ID 2/2
			Code identifying type of payment terms	
			08 Basic Discount Offered	
Not Used	ITD02	333	Terms Basis Date Code	O ID 1/2
			Code identifying the beginning of the terms period	
	ITD03	338	Terms Discount Percent	O R 1/6
			Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	
			<i>VENDOR DISCOUNT PERCENTAGE</i>	
Not Used	ITD04	370	Terms Discount Due Date	C DT 6/6
			Date payment is due if discount is to be earned	
	ITD05	351	Terms Discount Days Due	C N0 1/3
			Number of days in the terms discount period by which payment is due if terms discount is earned	
Not Used	ITD06	446	Terms Net Due Date	O DT 6/6
			Date when total invoice amount becomes due	
	ITD07	386	Terms Net Days	O N0 1/3
			Number of days until total invoice amount is due (discount not applicable)	
Not Used	ITD08	362	Terms Discount Amount	O N2 1/10
			Total amount of terms discount	
Not Used	ITD09	388	Terms Deferred Due Date	O DT 6/6
			Date deferred payment or percent of invoice payable is due	
Not Used	ITD10	389	Deferred Amount Due	C N2 1/10
			Deferred amount due for payment	
Not Used	ITD11	342	Percent of Invoice Payable	C R 1/5

Not Used	ITD12	352	Description Amount of invoice payable expressed in percent A free-form description to clarify the related data elements and their content	O AN 1/80
Not Used	ITD13	765	Day of Month The numeric value of the day of the month between 1 and the maximum day of the month being referenced	C N0 1/2
Not Used	ITD14	107	Payment Method Code Code identifying type of payment procedures	O ID 1/1

Segment: **DTM** Date/Time Reference
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 or DTM03 is required.
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 036 Expiration Date coverage expires	M ID 3/3
	DTM02	373	Date Date (YYMMDD) <i>INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.</i>	C DT 6/6
Not Used	DTM03	337	Time Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	C TM 4/4
Not Used	DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2

Segment: **LDT** Lead Time
Position: 160
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Semantic Notes:
Comments: 1 LDT04 is the effective date of lead time information.
Notes: ***LDT SEGMENT NOTE: INFORMATION CONTAINED IN THIS SEGMENT
WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.***

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LDT01	345	Lead Time Code	M ID 2/2
			Code indicating the time range	
			AF From date of PO receipt to delivery	
Must Use	LDT02	380	Quantity	M R 1/10
			Numeric value of quantity	
Must Use	LDT03	344	Unit of Time Period or Interval	M ID 2/2
			Code indicating the time period or interval	
			DA Calendar Days	
Not Used	LDT04	373	Date	O DT 6/6
			Date (YYMMDD)	

Segment: **PWK** Paperwork
Position: 210
Loop:
Level: Heading
Usage: Optional
Max Use: 25
Purpose: To specify the type and transmission of paperwork relating to a product, order or report.

Syntax Notes: 1 If either PWK05 or PWK06 is present, then the other is required.

Semantic Notes:

- Comments:**
- 1 PWK05 and PWK06 may be used to identify the addressee by a code number.
 - 2 PWK07 may be used to indicate special information to be shown on the specified report.
 - 3 PWK08 may be used to indicate action pertaining to a report.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PWK01	755	Report Type Code Code indicating the title and/or contents of a document or report. FD Federal Specification Compliance <i>INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.</i>	M ID 2/2
Must Use	PWK02	756	Report Transmission Code Code defining timing, transmission method or format by which reports are to be sent EL Electronically Only <i>INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.</i>	M ID 2/2
Not Used	PWK03	757	Report Copies Needed The number of copies of a report that should be sent to the addressee	O N0 1/2
	PWK04	98	Entity Identifier Code Code identifying an organizational entity or a physical location. DL Dealer DS Distributor MF Manufacturer of Goods	O ID 2/2
Not Used	PWK05	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	C ID 1/2
Not Used	PWK06	67	Identification Code Code identifying a party.	C ID 2/17

Not Used	PWK07	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	PWK08	704	Paperwork/Report Action Code	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	

Segment:	PKG Marking, Packaging, Loading
Position:	220
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	25
Purpose:	To describe marking, packaging, loading, and unloading requirements
Syntax Notes:	<ol style="list-style-type: none"> 1 If PKG04 is present, then PKG03 is required. 2 At least one of PKG04 or PKG05 is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc. 2 PKG01 relates only to PKG04 and PKG05. 3 Use PKG03 to indicate the organization that publishes the code list being referred to. 4 PKG04 should be used for industry-specific packaging description codes. 5 Special marking or tagging data can be given in PKG05 (description).
Notes:	PKG SEGMENT NOTE: INFORMATION CONTAINED IN THE SEGMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	PKG01	349	Item Description Type	M ID 1/1
			Code indicating the format of a description	
			F Free-form	
			S Structured (From Industry Code List)	
	PKG02	753	Packaging Characteristic Code	O ID 1/5
			Code specifying the marking, packaging, loading and related characteristics being described	
			Refer to 003010 Data Element Dictionary for acceptable code values.	
	PKG03	559	Agency Qualifier Code	C ID 2/2
			Code identifying the agency assigning the code values	
			DD Department of Defense	
			Responsible for Military Specification	
	PKG04	754	Packaging Description Code	C ID 1/7
			A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product	
	PKG05	352	Description	C AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment: **N1** Name
Position: 310
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Data Element Summary				
Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	N101	98	Entity Identifier Code	M ID 2/2
Code identifying an organizational entity or a physical location.				
WHEN N101 IS CODE SE OR ZZ, THEN N101, N103 AND N104 ARE REQUIRED TO BE USED.				
		SE	Selling Party	
			<i>Use to indicate a large business.</i>	
		ZZ	Mutually Defined	
			<i>Use to indicate a small business.</i>	
N102	93	Name	C	AN 1/35
Free-form name				
VENDOR NAME				
N103	66	Identification Code Qualifier	C	ID 1/2
Code designating the system/method of code structure used for Identification Code (67)				
		33	Commercial and Government Entity (CAGE)	
		ZZ	Mutually Defined	
N104	67	Identification Code	C	ID 2/17
Code identifying a party.				
PERMANENTLY ASSIGNED CAGE CODES ARE REQUIRED BY SAACONS 2.6 (NOT TO EXCEED 5 CHARACTERS IN LENGTH)				

Segment: **N2** Additional Name Information
Position: 320
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	N201	93	Name	M AN 1/35
			Free-form name	
			<i>VENDOR NAME CONTINUED</i>	
Not Used	N202	93	Name	O AN 1/35
			Free-form name	

Segment: **N3** Address Information
Position: 330
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

Segment: **N4 Geographic Location**

Position: 340

Loop: N1 Optional

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To specify the geographic place of the named party

- Syntax Notes:**
- 1 At least one of N401 or N405 is required.
 - 2 If N401 is present, then N402 is required.
 - 3 If either N405 or N406 is present, then the other is required.

Semantic Notes:

- Comments:**
- 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 - 2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
N401	19	City Name Free-form text for city name	C AN 2/19
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	C ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 4/9
N404	26	Country Code Code identifying the country	O ID 2/2
Not Used	N405	309 Location Qualifier Code identifying type of location	O ID 1/2
Not Used	N406	310 Location Identifier Code which identifies a specific location	C AN 1/25

Segment: **PER** Administrative Communications Contact
Position: 360
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: 1 If PER03 is present, then PER04 is required.
Semantic Notes:
Comments:

Data Element Summary				
	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			SU Supplier Contact	
	PER02	93	Name	O AN 1/35
			Free-form name	
			POINT OF CONTACT NAME IS REQUIRED BY SAACONS 2.6	
	PER03	365	Communication Number Qualifier	O ID 2/2
			Code identifying the type of communication number	
			EM Electronic Mail	
			ELECTRONIC MAIL ADDRESS IS USED IN PER04.	
			FX Facsimile	
			FAX NUMBER IS USED IN PER04.	
			TE Telephone	
			TELEPHONE NUMBER IS USED IN PER04.	
	PER04	364	Communication Number	C AN 7/21
			Complete communications number including country or area code when applicable	
			POINT OF CONTACT PHONE NUMBER OR POINT OF CONTACT FAX NUMBER. ELECTRONIC MAIL ADDRESS WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.	
			NOTE: POINT OF CONTACT PHONE NUMBER IS REQUIRED BY SAACONS 2.6	

Segment:	PO1	Purchase Order Baseline Item Data
Position:	010	
Loop:	PO1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify basic and most frequently used purchase order line item data	
Syntax Notes:	<ol style="list-style-type: none"> 1 If PO105 is present, then PO104 is required. 2 If PO106 is present, then PO107 is required. 3 If PO108 is present, then PO109 is required. 4 If PO110 is present, then PO111 is required. 5 If PO112 is present, then PO113 is required. 6 If PO114 is present, then PO115 is required. 7 If PO116 is present, then PO117 is required. 8 If PO118 is present, then PO119 is required. 9 If PO120 is present, then PO121 is required. 10 If PO122 is present, then PO123 is required. 11 If PO124 is present, then PO125 is required. 	
Semantic Notes:		
Comments:	<ol style="list-style-type: none"> 1 See the Data Dictionary for a complete list of ID's. 2 PO101 is the line item identification. 3 PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU. 	

Data Element Summary				
	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PO101	350	Assigned Identification	O AN 1/6
			Alphanumeric characters assigned for differentiation within a transaction set	
			LINE ITEM NUMBER	
Must Use	PO102	330	Quantity Ordered	M R 1/9
			Quantity ordered	
			LINE ITEM QUANTITY	
Must Use	PO103	355	Unit or Basis for Measurement Code	M ID 2/2
			Code identifying the basic unit of measurement.	
			UNIT OF MEASURE	
			Refer to 003010 Data Element Dictionary for acceptable code values.	
	PO104	212	Unit Price	C R 1/14
			Price per unit of product, service, commodity, etc.	
			UNIT PRICE/BID PRICE	
Not Used	PO105	639	Basis of Unit Price Code	O ID 2/2

		Code identifying the type of unit price for an item		
PO106	235	Product/Service ID Qualifier	O	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.		
		Refer to 003010 Data Element Dictionary for acceptable code values.		
PO107	234	Product/Service ID	C	AN 1/30
		Identifying number for a product or service		
		INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.		
		Refer to 003010 Data Element Dictionary for acceptable code values.		
PO108	235	Product/Service ID Qualifier	O	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.		
		Refer to 003010 Data Element Dictionary for acceptable code values.		
PO109	234	Product/Service ID	C	AN 1/30
		Identifying number for a product or service		
		INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.		
		Refer to 003010 Data Element Dictionary for acceptable code values.		
PO110	235	Product/Service ID Qualifier	O	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.		
		Refer to 003010 Data Element Dictionary for acceptable code values.		
PO111	234	Product/Service ID	C	AN 1/30
		Identifying number for a product or service		
		INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.		
		Refer to 003010 Data Element Dictionary for acceptable code values.		
PO112	235	Product/Service ID Qualifier	O	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.		
		Refer to 003010 Data Element Dictionary for acceptable code values.		
PO113	234	Product/Service ID	C	AN 1/30
		Identifying number for a product or service		
		INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.		
		Refer to 003010 Data Element Dictionary for acceptable code values.		
PO114	235	Product/Service ID Qualifier	O	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.

Refer to 003010 Data Element Dictionary for acceptable code values.

PO115 234 Product/Service ID C AN 1/30

Identifying number for a product or service

INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.

PO116 235 Product/Service ID Qualifier O ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.

Refer to 003010 Data Element Dictionary for acceptable code values.

PO117 234 Product/Service ID C AN 1/30

Identifying number for a product or service

INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.

PO118 235 Product/Service ID Qualifier O ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.

Refer to 003010 Data Element Dictionary for acceptable code values.

PO119 234 Product/Service ID C AN 1/30

Identifying number for a product or service

INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.

PO120 235 Product/Service ID Qualifier O ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.

Refer to 003010 Data Element Dictionary for acceptable code values.

PO121 234 Product/Service ID C AN 1/30

Identifying number for a product or service

INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.

PO122 235 Product/Service ID Qualifier O ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.

Refer to 003010 Data Element Dictionary for acceptable code values.

PO123 234 Product/Service ID C AN 1/30

Identifying number for a product or service

INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.

PO124 235 Product/Service ID Qualifier O ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.

Refer to 003010 Data Element Dictionary for acceptable code values.

PO125 234 Product/Service ID C AN 1/30

Identifying number for a product or service

INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.

Segment: **PO3 Additional Item Detail**

Position: 030

Loop: PO1 Optional

Level: Detail

Usage: Optional

Max Use: 25

Purpose: To specify additional item-related data involving variations in normal price/quantity structure

Syntax Notes: 1 If PO304 is present, then at least one of PO303 or PO305 is required.

Semantic Notes:

Comments: 1 Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).

2 PO307 defines the unit of measure for PO306.

Notes: **PO3 SEGMENT NOTE: INFORMATION CONTAINED IN THIS SEGMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.**

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	PO301	371 Change Reason Code Code specifying the reason for price or quantity change AQ Alternate Quantity and Unit of Measure PC Pack Difference QT Quantity Price Break UM Unit of Measure Difference	M ID 2/2
	PO302	373 Date Date (YYMMDD)	O DT 6/6
	PO303	236 Price Qualifier Code identifying pricing specification PBQ Unit Price Beginning Quantity	O ID 3/3
	PO304	212 Unit Price Price per unit of product, service, commodity, etc.	C R 1/14
	PO305	639 Basis of Unit Price Code Code identifying the type of unit price for an item Refer to 003010 Data Element Dictionary for acceptable code values.	O ID 2/2
Must Use	PO306	380 Quantity Numeric value of quantity	M R 1/10
Must Use	PO307	355 Unit or Basis for Measurement Code Code identifying the basic unit of measurement. Refer to 003010 Data Element Dictionary for acceptable code values.	M ID 2/2
	PO308	352 Description A free-form description to clarify the related data elements and their	O AN 1/80

content

Segment: **PID** Product/Item Description

Position: 050

Loop: PID Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To describe a product or process in coded or free-form format

Syntax Notes: 1 If PID04 is present, then PID03 is required.

2 At least one of PID04 or PID05 is required.

Semantic Notes:

Comments: 1 When PID01 is "F", PID04 is not used.

2 Use PID03 to indicate the organization that publishes the code list being referred to.

3 PID04 should be used for industry-specific product description codes.

4 Use PID06 when necessary to refer to the product surface or layer being described in the segment.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PID01	349	Item Description Type	M ID 1/1
			Code indicating the format of a description	
			F Free-form	
Not Used	PID02	750	Product/Process Characteristic Code	O ID 2/3
			Code specifying the product or process characteristic being described.	
Not Used	PID03	559	Agency Qualifier Code	C ID 2/2
			Code identifying the agency assigning the code values	
Not Used	PID04	751	Product Description Code	C ID 1/12
			A code from an industry code list which provides specific data about a product characteristic	
	PID05	352	Description	C AN 1/80
			A free-form description to clarify the related data elements and their content	
INFORMATION CONTAINED IN THIS SEGMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.				
Not Used	PID06	752	Surface/Layer/Position Code	O ID 2/2
			Code indicating the product surface, layer or position that is being described	

Segment: **MEA** Measurements
Position: 060
Loop: PID Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify physical measurements, including dimension tolerances, weights and counts.

Syntax Notes:

- 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
- 2 If MEA03 is present, then MEA04 is required.
- 3 If MEA05 is present, then MEA04 is required.
- 4 If MEA06 is present, then MEA04 is required.
- 5 If MEA07 is present, then MEA03 is required.
- 6 Only one of MEA08 or MEA03 may be present.

Semantic Notes:

Comments:

- 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Notes: **MEA SEGMENT NOTE: INFORMATION CONTAINED IN THIS SEGMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.**

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
MEA01		737	Measurement Reference ID Code	O ID 2/2
			Code specifying the application of physical measurement cited. Refer to 003010 Data Element Dictionary for acceptable code values.	
MEA02		738	Measurement Qualifier	O ID 1/3
			Code identifying the type of measurement. Refer to 003010 Data Element Dictionary for acceptable code values.	
MEA03		739	Measurement Value	C R 1/10
			The value of the measurement	
MEA04		355	Unit or Basis for Measurement Code	C ID 2/2
			Code identifying the basic unit of measurement. Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	MEA05	740	Range Minimum	C R 1/10
			The value specifying the minimum of the measurement range	
Not Used	MEA06	741	Range Maximum	C R 1/10
			The value specifying the maximum of the measurement range	
Not Used	MEA07	935	Measurement Significance Code	O ID 2/2
			Code used to benchmark, qualify or further define a measurement value	
Not Used	MEA08	936	Measurement Attribute Code	C ID 2/2
			Code used to express an attribute response when a numeric measurement	

value cannot be determined

Not Used	MEA09	752	Surface/Layer/Position Code	O ID 2/2
-----------------	--------------	------------	------------------------------------	-----------------

Code indicating the product surface, layer or position that is being described

Segment:	PKG Marking, Packaging, Loading
Position:	080
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To describe marking, packaging, loading, and unloading requirements
Syntax Notes:	<ol style="list-style-type: none"> 1 If PKG04 is present, then PKG03 is required. 2 At least one of PKG04 or PKG05 is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc. 2 PKG01 relates only to PKG04 and PKG05. 3 Use PKG03 to indicate the organization that publishes the code list being referred to. 4 PKG04 should be used for industry-specific packaging description codes. 5 Special marking or tagging data can be given in PKG05 (description).
Notes:	<i>PKG SEGMENT NOTE: INFORMATION CONTAINED IN THIS SEGMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.</i>

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	PKG01	349 Item Description Type	M ID 1/1
		Code indicating the format of a description	
		F Free-form	
		S Structured (From Industry Code List)	
	PKG02	753 Packaging Characteristic Code	O ID 1/5
		Code specifying the marking, packaging, loading and related characteristics being described	
		10 Shipping Package Labeling	
		11 Shipping Package Sealing	
		34 Product Marking	
		35 Type of Package	
		36 Package Specifications	
		37 Package Protection	
		38 Tarping	
		39 Platform/Skid Location	
		40 Bearing Piece Location	
		42 Placement on Carrier	
		43 Spacing Directions	
		44 Unloading Device	
		45 Unloading Equipment	

		60	Product Marking Pattern		
		61	Product Marking Location		
		62	Package/Container Mark Location		
		63	Marking Method		
		65	Core Characteristics		
		66	Receiving Facility Limitations		
		67	Tagging/Bar Code Instructions		
		68	Skid/Pallet Type		
PKG03	559	Agency Qualifier Code		C	ID 2/2
		Code identifying the agency assigning the code values			
		DD	Department of Defense		
			Responsible for Military Specification		
PKG04	754	Packaging Description Code		C	ID 1/7
		A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product			
PKG05	352	Description		C	AN 1/80
		A free-form description to clarify the related data elements and their content			

Segment: **PO4** Item Physical Details

Position: 090

Loop: PO1 Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Syntax Notes:

- 1 If PO402 is present, then PO403 is required.
- 2 If PO405 is present, then at least one of PO406 or PO407 is required.
- 3 If PO408 is present, then PO409 is required.
- 4 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.

Semantic Notes:

Comments:

- 1 PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.
- 2 PO410 defines the unit of measure for PO408, PO409, and PO410.

Notes: **PO4 SEGMENT NOTE: INFORMATION CONTAINED IN THIS SEGMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.**

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
PO401	356	Pack	O N0 1/6
		Number of inner pack units per outer pack unit	
PO402	357	Size	O R 1/8
		Size of supplier units in pack	
PO403	355	Unit or Basis for Measurement Code	C ID 2/2
		Code identifying the basic unit of measurement.	
		Refer to 003010 Data Element Dictionary for acceptable code values.	
PO404	103	Packaging Code	O ID 5/5
		Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material	
		Refer to 003010 Data Element Dictionary for acceptable code values.	
PO405	187	Weight Qualifier	O ID 1/2
		Code defining the type of weight	
		Refer to 003010 Data Element Dictionary for acceptable code values.	
PO406	384	Gross Weight per Pack	C R 1/9
		Numeric value of gross weight per pack	
PO407	355	Unit or Basis for Measurement Code	C ID 2/2
		Code identifying the basic unit of measurement.	
		Refer to 003010 Data Element Dictionary for acceptable code values.	

PO408	385	Gross Volume per Pack	O R 1/9
		Numeric value of gross volume per pack	
PO409	355	Unit or Basis for Measurement Code	C ID 2/2
		Code identifying the basic unit of measurement.	
		Refer to 003010 Data Element Dictionary for acceptable code values.	
PO410	82	Length	O R 1/8
		Largest horizontal dimension of an object measured when the object is in the upright position	
PO411	189	Width	O R 1/8
		Shorter measurement of the two horizontal dimensions measured with the object in the upright position	
PO412	65	Height	O R 1/8
		Vertical dimension of an object measured when the object is in the upright position	
PO413	355	Unit or Basis for Measurement Code	C ID 2/2
		Code identifying the basic unit of measurement.	
		Refer to 003010 Data Element Dictionary for acceptable code values.	

Segment: **REF** Reference Numbers
Position: 100
Loop: PO1 Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:
Notes: *REF SEGMENT NOTE: INFORMATION CONTAINED IN THIS SEGMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.*

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
			CR Customer Reference Number	
			CT Contract Number	
	REF02	127	Reference Number	C AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
	REF03	352	Description	C AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment: **FOB** F.O.B. Related Instructions

Position: 180

Loop: PO1 Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify transportation instructions relating to shipment

Syntax Notes:

- 1 If FOB03 is present, then FOB02 is required.
- 2 If FOB04 is present, then FOB05 is required.
- 3 If FOB07 is present, then FOB06 is required.
- 4 If FOB08 is present, then FOB09 is required.

Semantic Notes:

Comments:

- 1 FOB01 indicates which party will pay the carrier.
- 2 FOB02 is the code specifying transportation responsibility location.
- 3 FOB06 is the code specifying title passage location.
- 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	FOB01	146	Shipment Method of Payment	M ID 2/2
			Code identifying payment terms for transportation charges	
			DF Defined by Buyer and Seller	
	FOB02	309	Location Qualifier	C ID 1/2
			Code identifying type of location	
			OR Origin (Shipping Point)	
			INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.	
			ZZ Mutually Defined	
			INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.	
	FOB03	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
			INFORMATION IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.	
Not Used	FOB04	334	Transportation Terms Qualifier Code	O ID 2/2
			Code identifying the source of the transportation terms	
Not Used	FOB05	335	Transportation Terms Code	C ID 3/3

			Code identifying the trade terms which apply to the shipment transportation responsibility		
Not Used	FOB06	309	Location Qualifier	C	ID 1/2
			Code identifying type of location		
Not Used	FOB07	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	FOB08	54	Risk of Loss Qualifier	O	ID 2/2
			Code specifying where responsibility for risk of loss passes		
Not Used	FOB09	352	Description	C	AN 1/80
			A free-form description to clarify the related data elements and their content		

Segment: **DTM** Date/Time Reference
Position: 200
Loop: PO1 Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 or DTM03 is required.
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 036 Expiration Date coverage expires	M ID 3/3
	DTM02	373	Date Date (YYMMDD) <i>INFORMATION CONTAINED IN THIS DATA ELEMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.</i>	C DT 6/6
Not Used	DTM03	337	Time Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	C TM 4/4
Not Used	DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2

Segment: **LDT** Lead Time
Position: 210
Loop: PO1 Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Semantic Notes:
Comments: 1 LDT04 is the effective date of lead time information.
Notes: ***LDT SEGMENT NOTE: INFORMATION CONTAINED IN THIS SEGMENT
WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.***

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LDT01	345	Lead Time Code	M ID 2/2
			Code indicating the time range	
			AF From date of PO receipt to delivery	
Must Use	LDT02	380	Quantity	M R 1/10
			Numeric value of quantity	
Must Use	LDT03	344	Unit of Time Period or Interval	M ID 2/2
			Code indicating the time period or interval	
			DA Calendar Days	
Not Used	LDT04	373	Date	O DT 6/6
			Date (YYMMDD)	

Segment: **SCH** Line Item Schedule

Position: 220

Loop: PO1 Optional

Level: Detail

Usage: Optional

Max Use: 104

Purpose: To specify the data for scheduling a specific line-item

Syntax Notes: 1 If SCH03 is present, then SCH04 is required.

2 If SCH09 is present, then SCH08 is required.

Semantic Notes:

Comments: 1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

Notes: ***SCH SEGMENT NOTE: INFORMATION CONTAINED IN THIS SEGMENT WILL BE PROVIDED TO SAACONS 2.6 AS VENDOR COMMENTS.***

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SCH01	380	Quantity		M R 1/10
			Numeric value of quantity		
Must Use	SCH02	355	Unit or Basis for Measurement Code		M ID 2/2
			Code identifying the basic unit of measurement.		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	SCH03	98	Entity Identifier Code		O ID 2/2
			Code identifying an organizational entity or a physical location.		
Not Used	SCH04	93	Name		C AN 1/35
			Free-form name		
Must Use	SCH05	374	Date/Time Qualifier		M ID 3/3
			Code specifying type of date or time, or both date and time		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Must Use	SCH06	373	Date		M DT 6/6
			Date (YYMMDD)		
Not Used	SCH07	337	Time		O TM 4/4
			Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)		
Not Used	SCH08	374	Date/Time Qualifier		O ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	SCH09	373	Date		C DT 6/6
			Date (YYMMDD)		
Not Used	SCH10	337	Time		O TM 4/4
			Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)		

Segment: **CTT Transaction Totals**

Position: 010

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To transmit a hash total for a specific element in the transaction set

Syntax Notes: 1 If CTT03 is present, then CTT04 is required.

2 If CTT05 is present, then CTT06 is required.

Semantic Notes:

Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Notes: ***TOTAL NUMBER OF LINE ITEMS INCLUDED IN TRANSACTIONS SET.***

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	CTT01	354	Number of Line Items Total number of line items in the transaction set	M N0 1/6
Not Used	CTT02	347	Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	O R 1/10
Not Used	CTT03	81	Weight Numeric value of weight	O R 1/8
Not Used	CTT04	355	Unit or Basis for Measurement Code Code identifying the basic unit of measurement.	C ID 2/2
Not Used	CTT05	183	Volume Value of volumetric measure	O R 1/8
Not Used	CTT06	355	Unit or Basis for Measurement Code Code identifying the basic unit of measurement.	C ID 2/2
Not Used	CTT07	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80

Segment: **AMT** Monetary Amount
Position: 015
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments: 1 If segment AMT is used in Table 2 of the 850, 855, 860 or 865 transaction sets, then AMT01 = 01. If it is used in Table 3 of those transaction sets, then AMT01 = TT.

Notes: **AMT SEGMENT NOTE: INFORMATION CONTAINED IN THIS SEGMENT IS PROCESSED BY THE GATEWAY BUT NOT PROVIDED TO OR USED BY SAACONS 2.6**

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/2
			Code to qualify amount	
			TT Total Transaction Amount	
Must Use	AMT02	782	Monetary Amount	M R 1/15
			Monetary amount	

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments	M N0 1/6
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number assigned by the originator for a transaction set.	